

**METHOD AND APPARATUS FOR DETERMINING  
TIME REMAINING FOR HOT WATER FLOW**

**ABSTRACT OF THE DISCLOSURE**

5           A method and apparatus for determining time remaining for hot water flow at a particular temperature. A first, water outlet sensor system **22** is located near a water outlet such that temperature sensor **24** senses the water temperature of water flowing to a water outlet **14**. A second, water heater sensor system **34** is located near a water heater storage vessel **18** for sensing the water temperature of water exiting the storage vessel **18**. Water heater sensor system **34** includes a logic controller **38** for  
10 determining time remaining for hot water flow based upon sensed temperatures at water outlet **14** and storage vessel **18**. Display device **42** provides information received from controller **38** and from water outlet sensor system **22**. First and second sensor systems **22**, **34** and display device **42** communicate via radio frequency communication link **29**.